

I Identification

Product Name: **Potassium Phosphate, Monobasic, Anhydrous**

Catalog Number: **P031**

Synonyms:

Company: **Caisson Laboratories**

Address: **836 South 100 East, Smithfield, UT 84335**

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Recommended Use:

Restrictions On Use:

II Hazard(s) Identification

Overview: **May cause eye and skin irritation.**

Flammability:

Reactivity:

Toxicity:

NFPA Rating

Health: **2**

Flammability: **0**

Reactivity: **0**

Special:

Pictograms:

III Composition / Information on Ingredients

General Information:

Component: **KH₂PO₄**

CAS#: **7778-77-0**

% by Weight: **100 % - Potassium Phosphate Monobasic, Anhydrous**

IV First-Aid Measures

General Information:

Route of Exposure

Oral: **Do NOT induce vomiting unless directed to do so by medical personnel.**

Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.

Inhalation: **If inhaled, move to fresh air. If breathing becomes difficult, call a physician.**

Dermal: **In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Call a physician.**

Eye: **In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.**

V Fire-Fighting Measures

General Information:

Flammable Properties

General:

Flash Point:

Ignition Temperature:

Suitable Extinguishing Media:

Special Protective Equipment for fire fighters:

Additional Information:

VI Accidental Release Measures

General Information: **Use appropriate tools to put the spilled solid in a convenient waste disposal container.**

VII Handling and Storage

Handling:

Storage: **Keep container tightly closed. Keep container in a cool, well ventilated area.**

VIII Exposure Controls / Personal Protection

General Information:

Engineering Measures: **Local exhaust ventilation.**

Personal Protective Equipment

General:

Eye Protection: **Splash goggles.**

Hand Protection: **Gloves.**

Respiratory Protection:

Skin and Body Protection: **Lab coat.**

Hygiene Measures:

IX Physical and Chemical Properties

General Information:

Appearance: **White crystals or powder**

pH:

Specific Gravity:

Melting Point:

Boiling Point:

Flash Point:

Flammability Range:

Vapor Pressure:

X Stability and Reactivity

General Information:

Storage Stability

Temperature: **Room Temperature**

Light Sensitive: **False**

Incompatibles:

Hazardous Decomposition Products:

XI Toxicological Information

General Information:

Acute Toxicity: **Acute dermal toxicity(LD50): >4640 mg/kg [Rabbit].**

May be hazardous in case of eye contact (irritant). May be hazardous in case of skin contact (irritant). Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering. Non-permeator by skin.

Chronic Toxicity:

Local Effects:

Target Organs:

Carcinogenicity:

OSHA Permissible Exposure Limits:

XII Ecological Information

General Information:

XIII Disposal Considerations

General Information:

Disposal of Product:

Disposal of Packaging:

XIV Transport Information

Proper Shipping Name: **CHEMICALS, N.O.S (NON-REGULATED)**

UN#:

Class:

Packaging Group:

Hazard Label:

XV Regulatory Information

General Information:

TSCA:

SARA 313:

XVI Other Information

General Information: **The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Caisson Laboratories, Inc. Shall not be held liable for any damage resulting from handling or from contact with the above product.**